

In the Claims:

Claims 1-5 (canceled)

Claim 6 (currently amended) A surgical device for injecting a fluid and/or for removing tissue cells from a biological structure, comprising

(a) a supply device (1) including a vacuum pump (3), and a supply pump (5, 7) ~~a fluid jet unit~~ for injecting a separation fluid or a process fluid and/or ~~including a suction device~~ for suctioning off separated or dissolved tissue cells and/or the separation fluid or the process fluid, and

(b) a surgical hand piece (2) with an inner injection cannula (19) and an outer suction tube (23), both of which form an annular suction channel in the region of the surgical hand piece (2), wherein the outer suction tube (23) is adapted to be placed on the injection cannula (19) and to be secured to the surgical hand piece (2), and wherein the injection cannula (19) includes a front nozzle opening (20) and the suction tube (23) includes a plurality of suction bores (24) distributed along its periphery, and

wherein the surgical hand piece (2) is provided with a handle (14) and the suction tube (23) is configured with a handle (21'') to form a complementary part, wherein the outside dimensions of the handle (14) of the surgical hand piece (2) are adapted to those dimensions of the handle (21'') of the suction tube (23), and wherein the handle (14) of the surgical hand piece (2) is configured to be connectable with the handle (21'') of the suction tube (23) or optionally with another complimentary part that also includes an adapted handle (21, 21').

Claim 7 (previously presented new) The surgical device according to claim 6, wherein another complementary part comprises a stabilizing handle (21) for stabilizing the injection cannula (19).

Claim 8 (previously presented new) The surgical device according to claim 6, wherein another complementary part comprises a handle (21') and an open stabilizing tube (22), wherein the inner

diameter of the stabilizing tube (22) matches with clearance the outer diameter of the injection cannula (19) and the length of the stabilizing tube (22) is shorter than the length of the injection cannula (19) by a sufficient amount, so that the tip of the injection cannula (19) with the nozzle opening (20) protrudes by a sufficient length.

Claim 9 (previously presented new) The surgical device according to claim 6, wherein the suction tube (23) has a front axial bore (25) that matches with clearance the diameter of the injection cannula (19) and the length of the suction tube (23) is shorter than the length of the injection cannula (19) by a sufficient amount, so that the tip of the injection cannula (19) with the nozzle opening (20) protrudes by a sufficient length.

Claim 10 (previously presented currently amended) The surgical device according to claim 6, wherein for alternatively ~~supply~~ supplying the injection cannula (19) with different process fluids, the fluid jet unit of the supply device (1) is provided with one or more supply pumps (5, 7), and with a switchable directional control valve (12).